



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/648,139  
Source: O/P/E  
Date Processed by STIC: 9/3/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

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1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

## RAW SEQUENCE LISTING

DATE: 09/03/2003

PATENT APPLICATION: US/10/648,139

TIME: 10:22:16

Input Set : A:\PHKA2.ST25.txt

Output Set: N:\CRF4\09032003\J648139.raw

3 <110> APPLICANT: Armour, Christopher  
4 Castle, John  
5 Garrett-Engeler, Philip  
6 Johnson, Jason  
8 <120> TITLE OF INVENTION: ALTERNATIVELY SPLICED ISOFORMS OF HUMAN PHKA2  
10 <130> FILE REFERENCE: RS0204Y  
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/648,139  
C--> 12 <141> CURRENT FILING DATE: 2003-08-26  
12 <150> PRIOR APPLICATION NUMBER: US 06/408,058 60/408,058  
13 <151> PRIOR FILING DATE: 2002-09-03  
15 <150> PRIOR APPLICATION NUMBER: US 60/431,474  
16 <151> PRIOR FILING DATE: 2002-12-05  
18 <160> NUMBER OF SEQ ID NOS: 34  
20 <170> SOFTWARE: PatentIn version 3.2

## ERRORED SEQUENCES

Does Not Comply  
Corrected Diskette Needed

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1616 <210> SEQ ID NO: 21
1617 <211> LENGTH: 10
1618 <212> TYPE: PRT
1619 <213> ORGANISM: Homo sapiens
1621 <400> SEQUENCE: 21
1623 Val Gly Met Ala Lys Ser Ile Leu Phe Ser
1624 1 5 10
E--> 1625 VGMAKSILE delete - do not show one-letter amino acids
1646 <210> SEQ ID NO: 24
1647 <211> LENGTH: (26) 28 shown
1648 <212> TYPE: DNA
1649 <213> ORGANISM: Homo sapiens
1651 <400> SEQUENCE: 24
E--> 1652 agagtatcgc ggacattcat ccaattca
group of 8

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## VERIFICATION SUMMARY

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Input Set : A:\PHKA2.ST25.txt

Output Set: N:\CRF4\09032003\J648139.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:1625 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:1625 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1  
L:1625 M:252 E: No. of Seq. differs, <211> LENGTH:Input:10 Found:11 SEQ:21  
L:1652 M:254 E: No. of Bases conflict, LENGTH:Input:26 Counted:28 SEQ:24  
L:1652 M:252 E: No. of Seq. differs, <211> LENGTH:Input:26 Found:28 SEQ:24